

## CLAIM AMENDMENTS

1 - 17. (canceled)

1           18. (new) A mine-detonation-resistant understructure  
2 for a vehicle body, the understructure comprising:  
3           a generally horizontal floor;  
4           a downwardly concave one-piece armoring plate mounted on  
5 the body underneath the floor without a direct connection to the  
6 floor, concave toward and facing the ground, and spaced below the  
7 floor by a distance sufficient to avoid contact with the floor upon  
8 buckling of the plate caused by a mine blase underneath the plate,  
9 the bottom plate being formed with at least one longitudinally  
10 extending bending edge; and  
11           a deformation free space formed between the plate and the  
12 floor of a height sufficient to permit inward buckling of the plate  
13 under a mine detonation without contact of the plate with the floor  
14 and substantially free of any force-transmitting structure engaging  
15 the floor and plate.

1           19. (new) The mine-detonation resistant understructure  
2 defined in claim 1 wherein the floor is formed at least in part of  
3 a material having fragment-trapping properties.

1           20. (new) The mine-detonation resistant understructure  
2 defined in claim 19 wherein the floor is provided with a fragment

3 trapping carpet of a flexible high strength material to prevent  
4 incursion fragments into an interior of the body.

1 21. (new) The mine-detonation resistant understructure  
2 defined in claim 20 wherein the carpet is composed of a plurality  
3 of layers of an aramide fabric.

1 22. (new) The mine-detonation resistant understructure  
2 defined in claim 20 wherein the carpet is secured to the floor only  
3 at edge regions thereof.

1 23. (new) The mine-detonation resistant understructure  
2 defined in claim 19 wherein the floor is provided with a slip-  
3 resistant material along an upper surface thereof.

1 24. (new) The mine-detonation resistant understructure  
2 defined in claim 23 wherein the slip-resistant material is a rubber  
3 layer.

1 25. (new) The mine-detonation resistant understructure  
2 defined in claim 18 wherein the floor is mounted in the body so as  
3 to be easily dismountable.

1 26. (new) The mine-detonation resistant understructure  
2 defined in claim 25 wherein the floor is attached to side walls of  
3 the body by screws.

1           27. (new) The mine-detonation resistant understructure  
2 defined in claim 18, further comprising modular armor plate  
3 elements mounted along an underside of the plate.

1           28. (new) The mine-detonation resistant understructure  
2 defined in claim 27 wherein guide rails are provided along edges of  
3 the plate to receive the modular armoring plate elements.

1           29. (new) The mine-detonation resistant understructure  
2 defined in claim 28, further comprising connecting strips in the  
3 form of rails between individual modular armor plate elements.

1           30. (new) A mine-detonation-resistant understructure  
2 for a vehicle body, the understructure comprising:

3           a main armoring plate bent inward into the body, mounted  
4 on the body in juxtaposition with the ground and formed in a  
5 longitudinal direction of the vehicle with at least one bending  
6 edge;

7           a floor spaced above the main plate and mounted on the  
8 body without a direct connection with the main plate;

9           a deformation free space formed between the main plate  
10 and the floor of a height sufficient to permit inward buckling of  
11 the main plate under a mine detonation without contact of the main  
12 plate with the floor;

13           modular armor plates mounted along an underside of the  
14 main plate;  
15           guide rails being provided along edges of the main plate  
16 to receive the modular armoring plates;  
17           connecting strips in the form of rails between individual  
18 modular armor plates; and  
19           pins engaging into edge regions of the armor plates and  
20 into the connecting strips and the guide rails.

1           31. (new) The mine-detonation resistant understructure  
2 defined in claim 30 wherein the armor plates and the strips and  
3 rails have aligned holes to receive the pins.

1           32. (new) The mine-detonation resistant understructure  
2 defined in claim 31 wherein at least some of the pins are screws  
3 threaded into the distal sides of the guide rails and connecting  
4 strips.

1           33. (new) The mine-detonation resistant understructure  
2 defined in claim 31 wherein the pins are composed of high strength  
3 material.

1           34. (new) The mine-detonation resistant understructure  
2 defined in claim 31 wherein the pins are fixed by screw thread  
3 devices in holes in the armor plates, the strips or the rails.